

Installing, Operating and Servicing



Set-it-Yourself Security Safe

Safe-N-Sound provides generous, fire resistant space for valuables, money, liquor, medicines, important papers, etc.

The RPH combination and key lock assembly is designed for maximum protection, minimum effort for use in normal operation. The mechanism provides a direct set, three indicator wheel combination lock for regular use and an emergency access key lock for use in case the combination is forgotten, or lost accidentally.

Made of heavy gauge, automotive body type cold rolled steel — even heavier gauge steel in strategic areas — such as multiple lock base, keeper for combination lock strike, etc. Exclusive hip construction makes prying or forcing almost impossible.

Carriage bolt nuts are inside housing so when box is locked, it defies removal from furniture to which it is bolted or from the wall in which it is securely anchored.

Totally enclosed continuous piano hinge, hinge pin and unique lock assembly keep unauthorized persons or children out.

Provides 1,000 possible combinations of numbers. In regular use, the safe is locked and unlocked by your own personal combination which may be used over and over, or may be changed as often as you wish.

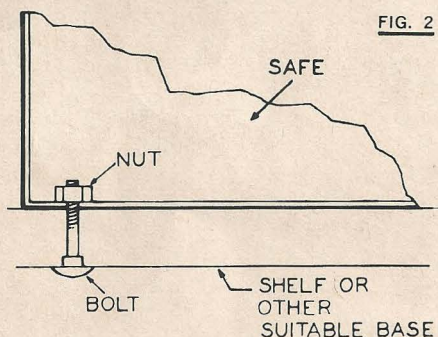
INSTALLATION

Safe-N-Sound is $14\frac{1}{8}$ " long, $7\frac{5}{8}$ " wide, $5\frac{3}{4}$ " deep. In order to bolt down or insert it in a wall, it is first necessary to open the door.

FIG. 1



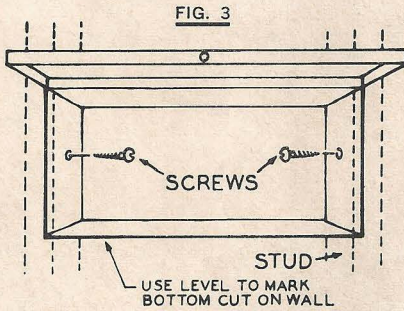
FIG. 2



Safe-N-Sound is shipped from the factory with the combination lock set at 000 and with the control knob set at "closed." Press control knob lightly towards closed position, then shift knob to "open" (Fig. 1) and open the door.

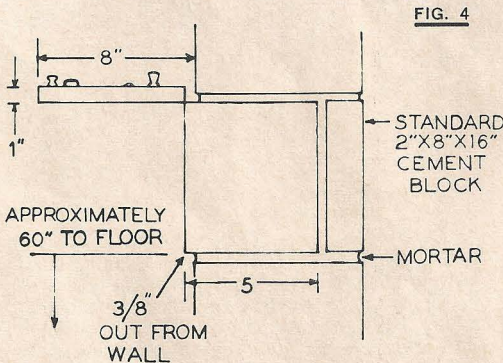
To Bolt Down: Three bolt holes are pierced in the base. Place the housing in the position you want it fastened and mark the center of the three holes with a center punch. Drill three $\frac{1}{4}$ " holes located

by center punch marks and insert the carriage bolts furnished through the holes you have drilled and through the base. Tighten carriage bolt nuts inside the safe (Fig. 2). If the shelf or top you drill through requires longer bolts, these can be secured locally. If mounting on a sill or floor — use three number 12 — $1\frac{1}{4}$ " round head screws for the purpose.



In the Wall Installation: Provides maximum security and greater fire resistance. It is highly recommended when the building is in construction, or if an inside wall is available that does not require refinishing the other side of the wall.

To install in a partition or "dry wall": Standard partition construction places vertical studs on 16" centers. Having located studs, cut an opening $14\frac{1}{4}$ " wide and $7\frac{7}{8}$ " high in the plaster, between the studs. If distance between studs exceeds $14\frac{3}{8}$ ", insert a plywood or masonite filler between one side of the safe and the stud. Bore holes in the sides of housing as far back as possible (Fig. 3) with a $\frac{1}{4}$ " bit and place the housing into the opening as far as it will go — not over $4\frac{1}{4}$ ". Drill $\frac{1}{8}$ " pilot hole for the mounting screws into the studs on both sides. Screw in number 12 — $1\frac{1}{4}$ " round head screws firmly. Finish around the opening with wood molding or caulking compound (not finished).



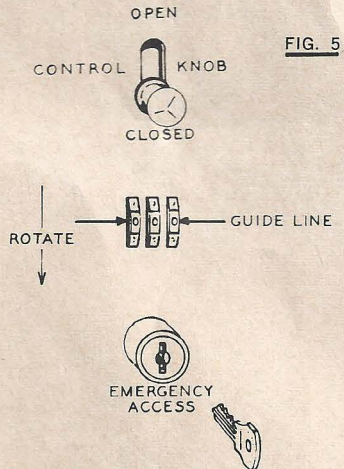
Installation in Cement Block Partition: Safe-N-Sound is also designed for installation in place of a standard 16" x 8" x 8" cement or cinder block.

An electric drill, a masonry bit, masonry chisel and — if available — a reciprocating electric saw with masonry cutting blade, make the installation reasonably easy. The block to be removed is usually in the eighth course which places the bottom of the opening about 60" above the floor. First with masonry bit, drill into mortar at all four corners, then chisel mortar out until reciprocal saw can be inserted, or break out the block to be removed in sections. A number of holes drilled about $\frac{1}{2}$ " apart in the mortar around the block will minimize the possibility of cracking or fracturing the adjoining blocks.

Note: Set a standard 2" x 8" x 8" block in mortar at the rear of the opening in back of the safe (Fig. 4). Trowel about $\frac{3}{4}$ " mortar on bottom, rear and sides of the opening and apply the same amount on hinge side of housing to within about 1" of the door hinge. Push Safe-N-Sound housing into opening to a depth of $4\frac{1}{2}$ " and point the mortar all around the housing. The door hinge must be at least $\frac{1}{4}$ " out from the wall surface to permit full door opening.

OPERATION

Selection of Combination: We suggest using three numbers you can most easily remember, such as your birthdate or wedding anniversary, etc. For instance, August 7 — 807, October 3 — 103, etc. Your personal combination can be used continuously or can be changed to a new combination when unlocked.

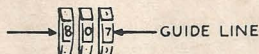


Controls: There are three Safe-N-Sound controls — the control knob, a newly designed three-wheel combination lock and an emergency access key operated bolt lock (Fig. 5).

Setting Your Personal Combination: The control knob engages and disengages the combination lock indicator wheels. Set control knob at "open", then rotate indicator wheels downward — towards key lock, to your personal combination of numbers (Fig. 6).

When your combination is set, close the door and move the control knob to "closed" position. This re-engages indicator wheels with lock mechanism and inserts lock strike in its heavy steel keeper.

FIG. 6



CAUTION — be sure each of your three numbers is in line with the combination lock guide lines. The numbers that are opposite the guide line when control knob is thrown to "closed" are the only numbers that will unlock the lock. To make sure your combination is set correctly, check numbers opposite guide line after control knob is in closed position.

To Lock: The door is locked by rotating all three indicator wheels off combination. Check door to make sure it is locked. Control knob cannot be shifted when Safe-N-Sound is locked.

To Unlock: Rotate all three indicator wheels downward until each of your personal combination numbers is in line with guide line. Press control knob lightly towards "closed" to disengage strike from mechanism — then shift control knob to "open" position (Fig. 7) — open door for access to contents.

Failure of mechanism to unlock indicates combination was not in line with guide line — or was shifted accidentally when setting controls.

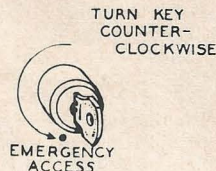
FIG. 7



Finding a "Lost" Combination: The key operated bolt lock is used only in emergency — if the combination is forgotten or lost accidentally. If this occurs, insert key in emergency access lock (Fig. 8) — turn key to the left — counter clockwise — as far as it will go.

Rotate the outer combination lock indicator wheels downward until they stop.

FIG. 8

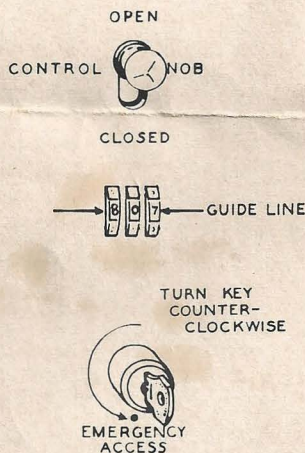


Next rotate the center wheel of the combination lock downward until it stops. The numbers which are now in line with the guide line are the actual combination that had been set into the lock mechanism (Fig. 9). Turn the emergency access key to the right. Press the control knob lightly towards the "closed" — then shift it to "open" — open the door for access to the contents.

Remove key and store safely for future use.

The mechanism is now disengaged from the indicator wheels and your former combination may be used — or a new one selected. Normal operation of the box is now restored, permitting use of the combination lock for opening and closing the safe.

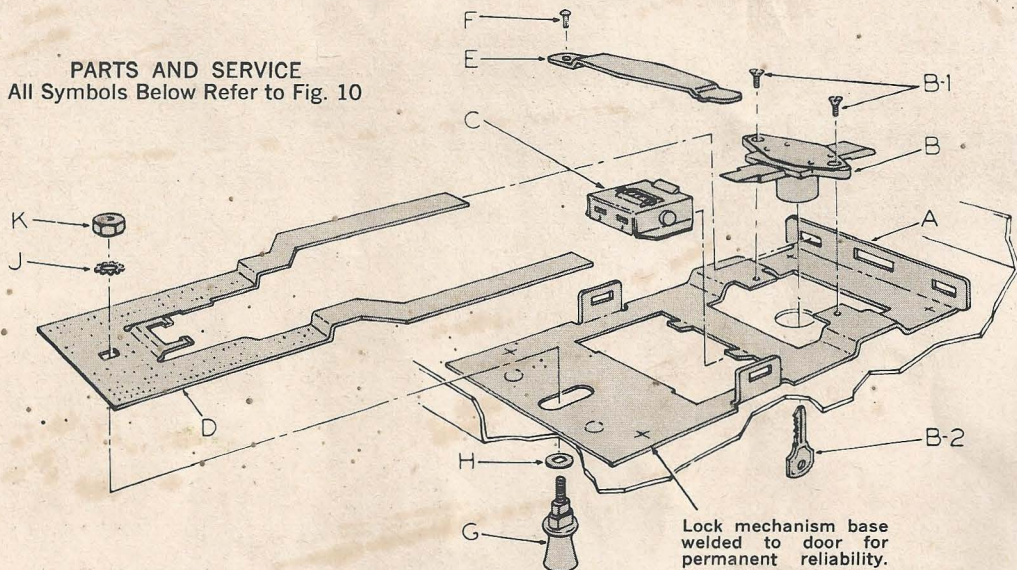
FIG. 9



Using the Lock in the Dark: On occasion, it may be necessary to open Safe-N-Sound under poorly illuminated conditions or without lighting. A special feature of the lock permits rotating the indicator wheels upwards from the bolt lock. They will stop at zero. It is now possible to move each wheel downward from zero past 1 - 2 - 3, etc. until each of the three wheels is at the numeral forming your combination. As each number is passed, there is an audible click indicating that another number is beside the center guide line. This feature, of course, fits unusual circumstances, but may be of convenience to the operator.

PARTS AND SERVICE

All Symbols Below Refer to Fig. 10



Replacing Lock Mechanism Parts: All parts of the RPH lock can be removed for service or replacement, except the lock mechanism base (A) which is welded inside the hinged door.

With key lock in regular operating position:

1. Remove control knob (G) by unscrewing straddle nut (K) and removing star lock washer (J).
2. Close tips of locking pin (F) (use long-nosed pliers). Remove combination lock retaining bar (E) by sliding bar towards hole for locking rivet pin until end of bar clears keeper in lock mechanism base (A). Lift slightly and slide support bar out of its other keeper.
3. Slide dual strike plate (D) towards door hinge until the strike extensions are clear of the guide slots in the lock mechanism base. This releases the dual strike plate.
4. Lift combination lock assembly (C) out of its nesting place in lock mechanism base (A).
5. Remove key lock mounting bolts (B-1) to release key lock assembly (B).

REASSEMBLY

1. Place key lock assembly (B) on supports provided in lock mechanism base (A) and tighten bolts (B-1) securely.
2. Turn key so bolt goes through slot in lock mechanism base (A).
3. Fit combination assembly lock into nesting place in lock mechanism base (A).
4. With dot pattern facing you, insert ends of dual strike plate (D) through guide slots in lock mechanism base

(A) until combination lock strike enters combination lock housing.

5. Place combination lock retaining bar (E) in slots provided at sides of combination lock assembly (C). Be sure to insert locking pin end in its slot first.
6. Insert control knob (G) through door and 1/4" through dual strike plate (D).
7. Place lock washer (J) and straddle nut (K) in place. Tighten.

REPLACEMENT PARTS (Fig. 10)

Safe-N-Sound replacement parts are available from your local distributor or may be purchased direct from Loftin Research & Development Corporation, address below. Order must be accompanied by check or money order. Shipped via Parcel Post, postage collect.

A.	Lock mechanism base — not replaceable	
B.	Key lock assembly with two keys	\$4.00
B-1.	Two key lock mounting bolts—counter sunk head 8-32 x 1/4"	.10 pr.
B-2.	Two keys. Number must be furnished	.70 pr.
C.	Combination lock assembly	3.00
D.	Dual strike plate	.90
E.	Combination lock retaining bar	.45
F.	Locking pin	.05
G.	Control knob	.60
H.	Frictionless washer	.12
J.	Star lock washer	.05
K.	Straddle nut	.45



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INSURANCE REGISTRATION CARD

INSTRUCTIONS: Mail this card within 10 days after delivery in order to effect insurance coverage. If card is not mailed within 10 days insurance will not be in force. For amount and details of coverage refer to policy.

IMPORTANT: If you purchase more than one "Safe-n-Sound" indicate quantity purchased and mail only one card for all safes delivered. If no quantity is specified, insurance coverage will be for one unit.

PLEASE PRINT

QUANTITY PURCHASED _____ DATE PURCHASED _____

NAME _____

ADDRESS _____

CITY, STATE _____ ZIP _____

PURCHASED FROM _____ CITY _____